

ABSTRACT

The invention is a high voltage stun device, unique in the sword-like configuration of its fully retractable, yet non-injurious, "blade," and its ability to deliver the pulse along the length of the "blade" as well as at the tip to a target at a distance far beyond arm's length. Stun batons, even retractable ones, have none of the preferred properties satisfied by the invention, including superior length of shocking surface, superior weighting and flexibility of the shocking surface, and simplicity of maintenance and repair. The "blade" of the invention is capable of expanding to a superior length that can keep a subject at a good defensive distance, yet be effective and retracted if he manages to get in close. With a moderation of the centrifugal force applied during blade deployment, the invention can be made to emulate a shorter sword, a long sword, and all lengths between. Further, the balance and dimensions of the device allow for fencing techniques to be utilized, while being portable and concealable unlike a traditional, fixed blade sword.

The invention uses high voltage and a unique array of telescoping probes and a telescoping inert mast to create a functional and portable sword – not a mere stun gun, prod, or baton. The invention creates the opportunity to return hundreds of years worth of knowledge and training techniques in the use of the sword back to the realm of being a practical martial art, yet essentially removes the risk of injury from its use.